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REPORT

of the

Medical Officer of Health

and the

Chief Public Health Inspector

1966



BOROUGH OF LEIGH

REPORT

of the

MEDICAL OFFICER OF HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR

for the year

1966

HEALTH COMMITTEE

Chairman:

Councillor F. GIBSON, J.P.

Deputy Chairman:

Councillor P. HULL

His Worship the Mayor, Councillor John Murray, J.P.

Alderman T. Battersby, M.B.E., J.P.

" C. H. Bratt, J.P.

" H. Gough, J.P.

" E. Green, J.P.

" T. Hourigan, J.P., M.A., C.A.,

" W. Kearney, J.P.

Councillor L. Birtles, J.P.

" H. Connell

" H. Davies

" W. Derbyshire

" P. Fazackerley

" A. E. Lyon

" R. Pemberton

" A. Roberts

" F. Taylor



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S T A F F

Medical Officer of Health:

E L L I S T A Y L O R, M.B., Ch.B., D.P.H.

Deputy Medical Officer of Health:

P E T E R G. H O L T, M.B., Ch.B., D.P.H.

Chief Public Health Inspector:

H A R R Y C L U S K Y

Deputy Chief Public Health Inspector:

A R T H U R L. H O P E

District Public Health Inspectors:

Thomas Sutton

Bernard E. Dyson (resigned 19.6.1966)

Roger O. Booth (appointed 1.4.1966)(resigned 30.9.1966)

William Alan Baines (appointed 16.5.1966)

Clifford Pedder (from 9.12.1966)

Pupil Public Health Inspector:

Clifford Pedder (to 8.12.1966)

Technical Assistant (Smoke Control)

Patrick F. Mulheran (appointed 4.4.1966)

Clerical Staff:

Chief Clerk: Mrs. G. O'Neil

Clerk/Typist: Mrs. E. Firth

" " Miss D. Harvey (resigned 31.8.1966)

" " Mrs. E. W. Dutton (appointed 1.9.1966)

Disinfecter/Mortuary Attendants:

J. J. Kelly

G. List

Rodent Control:

J. Statham

T A B L E O F C O N T E N T S

INTRODUCTION

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SECTION "A"

STATISTICAL AND SOCIAL
CONDITIONS OF THE AREA

Public Health Department,
Town Hall,
L E I G H.

To the Chairman and Members of the Health Committee,

I have the honour to present for your information and consideration the Annual Report on the health of the Borough of Leigh for the year 1966.

The general health in the Borough remained satisfactory. The population, according to the Registrar General's estimate, actually increased by 10 to 46,360.

For the past few years the Borough's birth rate has continually exceeded the national rate and this year was no exception.

There were no maternal deaths. The total number of deaths showed a decrease, the improvement being mainly borne by the males. The expected pattern, involving cancer, diseases of the heart and blood vessels and respiratory illness was repeated.

The Department succeeded in dealing with rather more unfit property than of recent years.

Steady progress was achieved in the extension of smoke control. Five areas have now been approved - covering almost one tenth of the Borough and involving just over one quarter of the households when they all become operative.

I am pleased to take this opportunity of expressing thanks to you, Mr. Chairman, and all Members of the Health Committee for their continued interest in the Department, and to the members of the staff and my colleagues in the Town Hall for their ever-ready help and co-operation.

Your obediently,

E. TAYLOR.

V I T A L S T A T I S T I C S .

The following is a summary of the principal statistics for the year 1966:-

	<u>Leigh</u>	<u>England & Wales</u>
Population (Estimate mid 1966)	46,360	48,075,300
Number of deaths (corrected)	594	563,626
Death Rate (per 1,000 population) (corrected)	14.7	11.7
Number of Live Births registered (corrected)	833	850,000
Number of Illegitimate Births	41	-
Percentage of Illegitimate Live Births	4.92	-
Live Birth Rate (per 1,000 population) (adjusted)	19.8	17.7
Number of Stillbirths (corrected)	19	13,300
Still Birth Rate per 1,000 total (live and still) births	22.3	15.4
Number of Infant Deaths	18	16,147
Infant Mortality Rate per 1,000 live births	21.6	19.0
Infant Mortality Rate per 1,000 legitimate births	21.46	-
Infant Mortality Rate per 1,000 illegitimate births	0.41	-
Neonatal Mortality Rate (first four weeks) per 1,000 related live births	15.6	12.9
Perinatal Mortality Rate per 1,000 total births	36.4	26.3
Maternal Deaths (including abortion)	Nil	223
Maternal Mortality Rate (including abortion) per 1,000 total births	Nil	0.26
Number of Deaths from all forms of Tuberculosis	3	2,353
Death Rate per 1,000 population from all forms of Tuberculosis	0.06	0.048
Number of Deaths from Neoplasms - Lung Bronchus	28	27,019
Death Rate per 1,000 population from Neoplasms - Lung Bronchus	0.60	0.56
Number of Marriages solemnised	409	-

LOCAL CONDITIONS AND STATISTICS.

Loigh is an industrial South-East Lancashire town. The highest and lowest ordnance datum being 146 feet and 53 feet respectively.

The principal industries are coal mining, cotton spinning, cotton and man-made fibre weaving, electric cable manufacture, electrical products, rope making, sheet metal working, agriculture and general engineering, with some farming on mossland on the southerly boundary of the Borough.

Area in acres	6,359
Population (Census 1951)	48,728
Population (Census 1961)	46,174
Estimated population (Mid-year Estimate 1966)	46,360
Number of inhabited houses, end of 1966 according to Rate Books	15,540
Rateable Value	£1,417,683
Sum represented by Penny Rate	£5,542

TABLE SHOWING CLASSIFICATIONS OF CAUSES
OF DEATHS FOR THE YEAR 1966

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Tuberculosis - Respiratory	1	1	2
Tuberculosis - Other	-	1	1
Other Infective and Parasitic Diseases	1	1	2
Syphilitic Disease	1	-	1
Malignant Neoplasms - Stomach	8	6	14
" " - Lung, Bronchus	26	2	28
" " - Breast	-	7	7
" " - Uterus	-	4	4
" " - Others	27	24	51
Leukaemia, aleukaemia	1	2	3
Diabetes	-	4	4
Vascular Lesions of the Nervous System	32	47	79
Coronary Disease, Angina	89	46	135
Hypertension with Heart Disease	4	5	9
Other Heart Disease	29	54	83
Other Circulatory Diseases	13	11	24
Influenza	5	8	13
Pneumonia	11	13	24
Bronchitis	22	9	31
Other diseases of respiratory system	4	2	6
Ulcer of Stomach and Duodenum	3	1	4
Gastritis, Enteritis, and Diarrhoea	3	1	4
Nephritis and Nephrosis	2	2	4
Hyperplasia of Prostate	1	-	1
Congenital malformations	1	-	1
Other defined and ill-defined diseases	16	23	39
Motor Vehicle Accidents	2	1	3
All other Accidents	7	7	14
Suicide	1	2	3
	<u>310</u>	<u>284</u>	<u>594</u>

STATISTICS FOR 1965, 1966 AND THE PERIOD 1961 - 1965

BOROUGH OF LEIGH	Per 1,000 Estimated Population			Mortality Rate	
	Live Birth Rate	Crude Death Rate	Death Rate from Pulmonary Tuberculosis	Maternal	Infants
				Rate per 1,000 Total Births	Rate per 1,000 Live Births
Mean of 5 years (1961 - 1965)	17.5	13.0	0.04	0.48	23.9
Year 1965	17.9	13.3	0.02	Nil	22.9
Year 1966	18.0	12.8	0.04	Nil	21.6
Increase or decrease in 1966 on 5 years average (1961 - 1965)	+ 0.5	- 0.2	Nil	- 0.48	- 2.3
Increase or decrease in 1966 on 1965	+ 0.1	- 0.5	+ 0.02	Nil	- 1.3

B I R T H R A T E .

The total number of registered live births assignable to the Borough of Leigh for the year 1966 was 833 compared with 831 the previous year. The corresponding crude Birth Rate for the two years respectively is 18.0 and 17.9 per 1,000 estimated population.

The crude death rate is 12.8 per 1,000 of the estimated resident population, but when this is corrected and adjusted by making allowances for the age and sex distribution of the population it becomes comparable with the death rate of the country as a whole, or with the death rate of any other area. This standardised death rate, as it is then termed, is 14.7 per 1,000 estimated population for the Borough of Leigh.

The following table gives the Birth and Death Rates per 1,000 estimated population for Leigh and England and Wales during the last 25 years.

Year	Birth Rates (Adjusted)		Death Rates	
	Leigh	England & Wales	Leigh	England & Wales
1942	18.3	15.8	12.1	11.6
3	19.8	16.5	12.5	12.1
4	19.3	17.6	12.7	11.6
5	18.8	16.1	12.5	11.5
6	20.4	19.1	11.5	11.4
7	22.2	20.5	12.7	12.0
8	17.9	17.9	11.3	10.8
9	17.4	16.7	12.4	11.7
1950	16.5	15.8	11.8	11.6
1	14.7	15.5	12.7	12.5
2	13.9	15.3	11.7	11.3
3	15.1	15.5	10.2	11.4
4	14.9	15.2	11.8	11.3
5	14.4	15.0	14.5	11.7
6	15.0	15.7	15.3	11.7
7	15.4	16.1	15.3	11.5
8	16.1	16.4	14.0	11.7
9	15.9	16.5	16.4	11.6
1960	15.7	17.1	14.6	11.5
1	16.6	17.4	16.8	12.0
2	17.1	18.0	16.1	11.9
3	19.1	18.2	14.4	12.2
4	20.1	18.4	14.0	11.3
5	19.7	18.1	15.0	11.5
6	19.8	17.7	14.7	11.7

S T I L L B I R T H R A T E .

The total number of registered still births assignable to the Borough during the year was 19 compared with 13 the previous year, giving rates for the two years of 0.41 and 0.28 respectively per 1,000 estimated population. The still birth rate for England and Wales during the period was 0.28.

BIRTH RATES AND DEATH RATES, ANALYSIS OF
MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS
DISEASES FOR THE YEAR 1966.

	Rates per 1,000 Home Population	
	England & Wales	Leigh
BIRTHS:-		
Live Births	17.7	19.8
Still Births	0.28	0.41
	15.4(a)	
DEATHS:-		
All Causes	11.7	12.81
Tuberculosis - All forms	0.048	0.06
" - Respiratory	0.043	0.04
" - Non-Respiratory	0.005	0.02
Cancer - All forms	2.25	2.30
" - Lungs & Bronchus	0.56	0.60
" - Other Cancer	1.69	1.70
Maternal Mortality	0.26(a)	Nil
Infant Mortality	19.0 (b)	21.6 (b)
Neo-Natal Mortality	12.9 (b)	15.6 (b)
Perinatal Mortality	26.3 (a)	36.4 (a)
NOTIFICATIONS:-		
Typhoid Fever	0.002	Nil
Paratyphoid Fever	0.003	Nil
Meningococcal Infection	0.008	Nil
Scarlet Fever	0.442	1.79
Whooping Cough	0.402	0.215
Diphtheria	0.000	Nil
Erysipelas	0.028	0.043
Smallpox	0.001	Nil
Measles	7.149	13.13
Pneumonia	0.167	Nil
Acute Poliomyelitis - Paralytic	0.000	Nil
" " - Non-Paralytic	0.000	Nil
Acute Encephalitis - Infective	0.002	Nil
" " - Post Infectious	0.002	Nil
Dysentery	0.446	0.022
Food Poisoning	0.113	Nil
Puerperal Pyrexia	0.185	Nil
Tuberculosis - Respiratory	0.257	0.47
" - Meninges & C.N.S.	0.002	Nil
" - Other	0.045	Nil
Anthrax	0.000	Nil

(a) Per 1,000 Total Live and Still Births

(b) Per 1,000 Total Live Births

INCIDENCE AND MORTALITY OF TUBERCULOSIS 1966

AGE PERIODS	Cases Notified				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
Under 1	-	-	-	-	-	-	-	-
1 - 4 years	1	2	-	-	-	-	-	-
5 - 9 "	1	-	-	-	-	-	-	-
10 - 14 "	1	2	-	-	-	-	-	-
15 - 24 "	1	1	-	-	-	-	-	1
25 - 34 "	2	2	-	-	-	-	-	-
35 - 44 "	2	1	-	-	-	-	-	-
45 - 54 "	1	1	-	-	-	-	-	-
55 - 64 "	2	-	-	-	-	1	-	-
65 and upwards	2	-	-	-	1	-	-	-
TOTALS	13	9	-	-	1	1	-	1
	22		-		2		1	

INCIDENCE AND MORTALITY OF TUBERCULOSIS

1949 - 1966

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Notified Cases:																		
(a) Pulmonary	27	27	35	26	28	18	19	24	24	28	20	15	22	25	8	11	17	22
(b) Non-Pulmonary	6	14	14	4	3	5	1	3	3	3	2	1	1	2	2	-	2	-
Deaths:-																		
(a) Pulmonary	17	14	9	8	7	11	5	5	2	7	6	2	1	3	1	3	1	2
(b) Non-Pulmonary	1	-	5	2	1	-	-	-	-	-	-	-	1	-	1	-	-	1

SUMMARY OF THE INCIDENCE OF THE PRINCIPAL NOTIFIABLE DISEASES

OTHER THAN TUBERCULOSIS, 1956 - 1966

(No. of Deaths in brackets)

	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Scarlet Fever	37	20	9	38	17	8	6	5	8	21	83
Diphtheria	-	-	-	-	-	-	-	-	-	-	-
Measles	142	710(1)	17	90	1,311	130	21	564	521	154	609
Whooping Cough	108	23	26	31	16	6	3	19	-	-	10
Pneumonia	3(21)	7(28)	5(9)	3(14)	1(13)	3(26)	-(20)	7(24)	-(17)	1(19)	-(24)
Puerperal Pyrexia	-	-	-	-	-	-	-	-	-	-	-
Meningococcal Infection	1	-	2(1)	-	-	-	-	-	-	-	-
Dysentery	6	1	23	113	187	9	4	-	11	-	1
Erysipelas	1	1	2	4	1	-	-	-	-	1	2
Acute Poliomyelitis	1	2	1	8	-	1	-	-	-	-	-
Food Poisoning	-	-	21	-	-	-	-	-	-	-	-
Paratyphoid Fever	-	1	-	2	-	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	-	1	-	-
TOTALS	299	765	106	289	1,533	157	34	595	541	177	705

INCIDENCE OF NOTIFIABLE DISEASES (other than Tuberculosis) 1966

		AGE PERIODS																											
		Under 1		1-		2-		3-		4-		5-		10-		15-		20-		35-		45-		65-		Age Unknown		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Scarlet Fever	-	-	-	-	-	1	-	5	4	10	4	30	23	1	1	2	1	1	-	-	-	-	-	-	-	-	-	50	33
	2	-	2	1	1	-	-	1	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3	
Measles	12	7	46	35	62	50	54	52	45	49	108	83	2	3	1	-	-	-	-	-	-	-	-	-	-	-	330	279	
Dysentery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	
TOTALS	14	7	48	36	64	50	60	57	56	53	138	107	3	4	3	1	1	1	1	-	-	1	-	-	-	-	389	316	

SECTION "B"

GENERAL PROVISIONS

OF THE

HEALTH SERVICES

IN THE

BOROUGH

GENERAL PROVISIONS OF THE HEALTH SERVICES
IN THE BOROUGH.

AMBULANCE SERVICE.

Leigh Ambulance Station, Orchard Lane. Tel: Swinton 4343

CARE OF CHILDREN - CHILDREN ACT, 1948.

Children's Committee, Lancashire County Council, Area No.11

Area Children's Office,
William Deacons Bank Chambers,
Market Street,
Leigh. Tel: Leigh 72206

CLINICS.

1. ANTE-NATAL:

Boundary Street Clinic Monday 1.30 p.m. - 3.00 p.m.
(Closed October 1966)

Stonehouse Clinic Wednesday 1.30 p.m. - 3.00 p.m.
 Thursday 1.30 p.m. - 3.00 p.m.

2. RELAXATION CLASS:

Stonehouse Clinic Friday 1.30 p.m. - 3.30 p.m.

3. IMMUNISATION:

(i) At the five County Clinics in the Leigh area
by arrangement as required.

(ii) The general practitioner service.

4. POLIOMYELITIS VACCINATION:

Children of pre-school age - Each of the Child Welfare
Clinics by arrangement.

5. CHILD WELFARE:

(i) Stonehouse Clinic	Tuesday	2.00 p.m. - 4.00 p.m.
(ii) Boundary Street Clinic	Thursday	2.00 p.m. - 4.00 p.m.
(iii) Ingham Street Clinic	Wednesday	2.00 p.m. - 4.00 p.m.
(iv) Wigan Road Methodist Chapel	Monday	2.00 p.m. - 4.00 p.m.
(v) Higher Fold Clinic	Alternate Wednesdays	2.00 p.m. - 4.00 p.m.

6. MINOR AILMENTS OF SCHOOL CHILDREN:

Stonehouse Clinic Monday 10.00 a.m. - 12 noon

7. DENTAL:

Stonehouse Clinic By appointment

C L I N I C S (Continued)

8. OPHTHALMIC:

Stonehouse Clinic, St. Helens Road, Leigh. By appointment

9. ORTHOPAEDIC:

Elliott Street Clinic, Tyldesley. By appointment

10. SPEECH THERAPY:

Stonehouse Clinic, St. Helens Road, Leigh. By appointment

11. DAY NURSERY:

Leigh No.1 Stonehouse, St. Helens Road, Leigh.
Leigh No.2 Cavendish Street, Leigh.

12. TUBERCULOSIS:

Chest Clinic, Leigh Infirmary, Leigh.

13. VENEREAL DISEASES:

(i) LEIGH INFIRMARY

Males and Females: Monday 9.30 a.m. - 10.30 a.m.

(ii) CIVIC CENTRE, BOLTON

Males and Females:

Monday, Wednesday & Friday 9.30 a.m. - 12 noon : 4.30 p.m. - 7.00 p.m.
Tuesday & Thursday 9.30 a.m. - 12 noon : 2.00 p.m. - 4.30 p.m.
Saturday 9.00 a.m. - 11.00 a.m.

(iii) ROYAL ALBERT EDWARD INFIRMARY, WIGAN

Females - Wednesday 2.00 p.m. - 6.00 p.m.
Males - Friday 2.00 p.m. - 6.30 p.m.

C O N V A L E S C E N C E.

Arrangements made by the Lancashire County Council through the
Divisional Medical Officer.

C O N V A L E S C E N T T R E A T M E N T.

Arrangements made by the Regional Hospital Board.

HEALTH VISITING SERVICE.

Health Visitor/School Nurses are employed in the area by the Lancashire County Council.

HOME HELP SERVICE.

Provided by the Lancashire County Council through the Divisional Medical Officer.

HOME NURSING SERVICE.

District Nurses are provided in the area by the Lancashire County Council.

HOSPITALS.

- | | |
|-----------------------|--|
| 1. GENERAL | Leigh Infirmary.
Astley Hospital, Astley.
Atherleigh Hospital. |
| 2. INFECTIOUS DISEASE | Whelley Hospital, Wigan.
Hulton Lane, Bolton. |
| 3. MATERNITY | Billinge Hospital, Billinge, Nr. Wigan.
Bolton District General Hospital. |

LABORATORY FACILITIES.

Laboratories at Leigh, Wigan and Bolton Infirmaries and the Regional Laboratory of the Public Health Laboratory Service at Withington Hospital, Manchester and at Preston.

MATERNITY HOMES.

The Firs, Leigh.

MIDWIFERY SERVICE.

Domiciliary midwives employed in the area by the Lancashire County Council.

MORAL WELFARE WORK.

Local Worker:-

Council for Moral Welfare,
186, Chapel Street,
Leigh.

Tel: Leigh 71061

NURSING HOMES.

None in the district.

UNMARRIED MOTHERS AND ILLEGITIMATE CHILDREN.

Provision for their care is made by the Lancashire County Council in conjunction with voluntary organisation.

WELFARE SERVICES.

Arrangements made by the Lancashire County Council through the Divisional Medical Officer.

Residential accommodation at Atherleigh Grange and Hourigan House, Leigh, etc.

X - RAY FACILITIES.

At Leigh, Bolton and Wigan Infirmaries. Facilities for special chest cases at Chest Clinic, Leigh Infirmary.

S E C T I O N "C"

P R E V E N T I O N O F A N D C O N T R O L

O V E R I N F E C T I O U S A N D

O T H E R D I S E A S E S

PREVENTION OF AND CONTROL OVER INFECTIOUS
AND OTHER DISEASES.

DIPHTHERIA

No cases were notified.

The need to continue the immunisation campaign against the disease, however, remains the most necessary pre-requisite for continued freedom.

DYSENTERY.

One case was notified.

116 faecal specimens were submitted for examination, 7 of which were confirmed as infected.

ENCEPHALITIS.

No cases were notified.

ERYSIPELAS.

Two cases were notified.

FOOD POISONING.

No cases were notified.

MEASLES.

609 cases were notified. All proved to be fairly mild and complications were minimal.

MENINGOCOCCAL INFECTION.

No cases were notified.

PARATYPHOID FEVER.

No cases were notified.

POLIOMYELITIS.

No cases were notified.

PNEUMONIA.

No cases were notified.

PUERPERAL PYREXIA.

No cases were notified.

SCARLET FEVER.

83 cases were notified.

SMALLPOX (VARIOLA)

No cases were notified.

TUBERCULOSIS.

During the year 22 cases of pulmonary and none of non-pulmonary infection were notified, compared with 17 and 2 respectively in the previous year.

TYPHOID FEVER.

No cases were notified.

WHOOPING COUGH.

10 cases were notified.

ANTHRAX.

No cases were notified.

SECTION "D"

REPORT BY THE

CHIEF PUBLIC HEALTH INSPECTOR

OF THE

SANITARY CIRCUMSTANCES

OF THE AREA

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GENERAL SANITARY ADMINISTRATION

The preface to this section of the report which appeared last year drew attention to the difficulties caused by staff vacancies, in particular Public Health Inspectors. This could well be repeated again because vacancies in the establishment, due to resignations by two members of the staff, have again been the cause of frustration and delay in the department. It takes the better part of a year before a newly appointed inspector becomes completely familiar with the district and the routine of the office sufficiently to be equal to his predecessor in work load.

Mr. C. Pedder who commenced duties in the department as a Technical Assistant on Smoke Control and later became accepted as a Student Public Health Inspector, was successful in qualifying at the December examination of the Public Health Inspectors Examination Board, being immediately appointed to a substantive post as District Inspector.

COMPLAINTS AND ENQUIRIES

1,031 complaints and 1,387 enquiries were received in the office. These are classified in the following table.

COMPLAINTS

Defective Drains	52
" Closets	74
" Windowframes	24
" Doors	6
" Eavesgutters	36
" House Roofs	18
" Floors	11
" Wall and Ceiling Plaster	13
" Fireplaces	4
" Chimneys	15
Dampness due to various causes	26
Insufficient and inadequate water supply	27
Noise	9
Overcrowding	10
Verminous Houses	24
Rain Penetration	32
Rats and Mice	509
Miscellaneous	141
TOTAL	<u>1,031</u>

CLASSIFICATION OF ENQUIRIES MADE IN THE OFFICES OF THE DEPARTMENT

	<u>1964</u>	<u>1965</u>	<u>1966</u>
Certification of Vaccination Certificates	166	159	331
Enquiries regarding complaints previously made	9	69	69
" " slum clearance	186	220	218
" " blocked drains	-	-	67
" " Rent Act	-	6	1
" " Food Hygiene Regulations	22	52	32
" " Overcrowding	3	7	9
" " Licences	1	30	9
" " Dustbins	-	14	16
" " Clean Air Act	25	56	83
" " Offices, Shops & Railway Promises Act	-	16	5
Water Supply	31	47	81
Miscellaneous	163	388	466
TOTAL	<u>606</u>	<u>1,064</u>	<u>1,387</u>

S U M M A R Y O F V I S I T S B Y T H E P U B L I C H E A L T H I N S P E C T O R S

	Inspec- tions	Re-inspections	Total	Defaults found	Defaults remedied
DWELLINGHOUSES:-					
Public Health Act	623	1,243	1,866	510	455
Housing Acts	158	21	179	-	-
Overcrowding	12	2	14	-	-
Improvement Grants	209	65	274	-	-
Houses - Verminous	34	9	43	1	1
Houses Let in Lodgings	2	2	4	-	7
GENERAL SANITATION:-					
Tents, Vans & Sheds	15	1	16	-	-
Places of Entertainment	3	3	6	-	-
Streets, Passages, Footpaths	5	1	6	3	2
Scrap Metal Dealers	11	-	11	2	-
Infectious Diseases	101	5	106	-	-
Schools	2	2	4	-	-
Premises - Animals Kept	4	-	4	-	-
Prevention of Damage by Pests Act	20	24	44	3	3
Public Conveniences	3	-	3	7	-
Tips	7	-	7	-	-
Drain Testing - Buildings	10	-	10	-	-
Pet Animals Act	5	2	7	-	-
Noise Abatement	1	-	1	-	-
Clean Air Act	1,082	7	1,089	-	-
Animal Boarding Establishments	5	-	5	-	-
Hairdressers' Byelaws	7	-	7	-	-
Offices, Shops & Railway Premises Act	249	599	848	509	325
Miscellaneous	576	325	901	5	7
FACTORIES ACT:-					
Mechanical Power	160	-	160	31	21
Non-Mechanical Power	-	-	-	-	-
FOOD PREMISES:-					
Markets	2	-	2	-	-
Bakehouses	42	17	59	16	31
Canteens	89	24	113	34	34
Cafes and Restaurants	75	29	104	48	39
Dairies and Milkshops	2	-	2	-	-
Grocers Shops	194	38	232	63	42
Butchers Shops	69	20	89	17	16
Slaughterhouses	716	-	716	-	-
Greengrocers	24	2	26	3	2
Fish Friers	39	13	52	5	5
Wet Fish Shops	8	1	9	-	2
Confectionery Shops	61	8	69	2	1
Food Warehouses	6	8	14	1	5
Licensed Premises	16	14	30	5	3
Hawkers	1	-	1	-	-
Ice Cream Shops and Vehicles	19	6	25	12	2
T O T A L S	4,667	2,491	7,158	1,277	1,003

I N F E C T I O U S D I S E A S E S - I N V E S T I G A T I O N
A N D D I S I N F E C T I O N .

101 visits of investigation and 5 re-visits were paid to premises where infectious diseases had occurred.

Sales of disinfectant and insecticides by the Department realised £137. 2s. 8d. against £80. 13s. 1d last year.

D I S I N F E S T A T I O N .

43 visits were made by the Public Health Inspectors in the course of investigation of verminous premises.

A total of 92 premises were treated by the Disinfestation Staff as follows:-

Houses	47
Business Premises	41
Other Premises	4

The Department provides a complete disinfestation service which is available to the public and industrial undertakings both for treatment and advice on any infestation problem. For this work £198. 8s. 7d was re-charged during the year.

T E S T I N G O F D R A I N A G E S Y S T E M S .

10 visits were paid for the purpose of testing and inspecting existing drainage systems during the year.

Testing of new drainage is carried out by the Borough Surveyor's Department.

C L O S E T A C C O M M O D A T I O N .

Number of fresh water closets	18,468
Number of waste water closets	194 (approx.)
Number of pail closets	12
Privy middens	3

The pail closets and privy middens are situated in the semi-rural area of the Borough where it is impracticable to provide water closets.

C O N V E R S I O N O F W A S T E W A T E R C L O S E T S .

The Council make a grant of £10 in each case towards the conversion of waste water closets to fresh water closets, but during the year no applications for grants were received.

S E W A G E D I S P O S A L .

The Manager of the Joint Sewerage Board has kindly supplied the following information:-

Extensions and improvements to the sewerage system and treatment works were completed during 1966 and the works formally opened in May.

The Board now provides full treatment for flows up to 7.25 m.g.d. and partial treatment for a further 6.5 m.g.d., more than twice the previous maximum capacity.

All incoming flows are received into a low level well where, after passing through two 25R Comminutors which screen and cut up the larger solids, they are pumped up to the first stage of treatment. Four 12 inch pumps with 30 H.P. motors are installed in a dry pump chamber and three of these operating together will deliver nearly 10,000 gallons per minute. The pumped flow passes first through a 20 feet diameter Door Detritor where heavy grit and similar matter is removed and then past a weir which separates flows for partial treatment and full treatment.

SEWAGE DISPOSAL (Continued)

Primary settlement of the full treatment flow and partial treatment of the excess takes place in the ten original rectangular settling tanks. These tanks are 120 feet long, 40 feet wide and 6 feet deep and by modification of channels etc, the outer four tanks have been adapted for use as storm tanks, submersible pumps having been installed in an existing well for emptying purposes. Sludge is drawn off under hydrostatic pressure without emptying the tanks. New pumps have been installed to deliver the sludge into the consolidation tank of the digestion plant.

Two new 70 feet diameter humus tanks with mechanical de-sludging equipment have been constructed and the sludge from these tanks is delivered to the digestion plant by separate pumps in the Settled Effluent Pumping Station.

Despite the large area of land available on the farm, difficulty was being experienced in dealing with the untreated sludge and it was therefore decided to install a heated sludge digestion plant. Gas generated in the primary digestion tank is collected in a gasholder for use in heating the sludge and for the central heating installation in the Administration Block. Burners in a chimney are provided for the disposal of surplus gas and facilities are available here for the incineration of rubbish.

CANAL BOATS.

There were no new registrations of Canal Boats during the year, nor were any inspected. Of recent years few, if any, boats discharge or pick up cargo in the Borough.

OFFENSIVE TRADES.

There are no Offensive Trades operating in the Borough.

COMMON LODGING HOUSES.

There are no common lodging houses within the Borough.

OVERCROWDING.

During the year 6 cases of overcrowding were investigated, but none was confirmed.

PET ANIMALS ACT, 1951.

Eight licences to keep Pet Shops have been issued during the year. Not all licence holders are actually selling animals.

ANIMAL BOARDING ESTABLISHMENTS ACT, 1963.

Two licences authorising the keeping of a Boarding Establishment for animals were issued during the year

PUBLIC BATHS.

The Public Baths consists of 2 plunges, 12 slipper baths and 1 foam bath. Facilities are available for Turkish Baths.

Seventy-four samples of swimming bath water were submitted to the Public Health Laboratory for examination, of which 69 were reported upon satisfactorily. When samples are found to be unsatisfactory the action of the Baths Manager is immediately drawn to the position and remedial action taken, after which further samples are submitted.

TENTS, VANS AND SHEDS.

There is one licensed caravan site in the Borough containing one caravan. 16 visits were paid to itinerant caravans which were parked for varying periods before moving.

RIDING ESTABLISHMENTS ACT, 1964.

This Act, which came into operation on the 1st April, 1965, prohibits the keeping of a riding establishment except under the authority of a licence. No licences have been issued during the year.

SCRAP METAL DEALERS' ACT, 1964.

This Act provides for the registration and control of scrap metal dealers and came into operation on the 1st April, 1965. Every local authority is required to maintain a register of persons carrying on business in their area as scrap metal dealers. During the year 2 persons were registered making a total of 7 Scrap Metal Dealers in the Borough, but no registrations were made in respect of Itinerant Collectors, the number on the register remaining at 21. These latter are exempt from the requirements of Section 2 of the Act regarding the keeping of record books. Close co-operation is maintained with the Police regarding the registrations.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

No registrations have been made. There are no premises manufacturing rag flock in the Borough.

MORTUARY.

The Public Mortuary is controlled and staffed by the Department.

During the year 117 bodies were received, of these 32 were from adjoining districts.

Reason for Admission	1962	1963	1964	1965	1966
Accidents	4	6	8	5	4
Suicide	4	3	7	7	2
Natural Causes	61	68	61	49	77
Misadventure	-	1	-	-	-
Open Verdict	2	2	-	1	-
Industrial Causes	-	-	9	6	2
Out of District	14	21	30	48	32

REFUSE COLLECTION.

This service is under the control of the Director of Public Cleansing, who has supplied the following information:-

Number of movable ashbins	18,450 (approx.)
Number of ashbins emptied	904,050 (approx.)
Refuse delivered to tip	20,780 tons (approx.)

NOISE ABATEMENT ACT, 1960.

The public is showing great awareness of noise, particularly where industry is located near dwellings. The change to high speed machinery and induced ventilation being the source of the reported complaints.

Although 9 objections were received, they concern three sources of noise. Fortunately the management of the premises which were the cause of the complaints co-operated and provided suitable sound baffles. It is interesting in this context to say that the management is always willing to do whatever one can suggest in order to mitigate noise. Most of the complaints received stemmed from people in close proximity to industries which worked on the 'shift' system and the complaints have been of not being able to get to sleep at night. Yet in the same locality other persons reacted differently, saying that they were not disturbed. A sound which is unacceptable to an individual can be a nuisance, but it does not always qualify to be classed as a nuisance. Intermittent noises seem to disturb more than continuous ones, due no doubt to the persons affected being startled by the operations which took place only from time to time during the night.

Another factor influencing the noise level from these sources was the absence of the normal daytime noise, e.g. traffic, etc., which had the effect of making the specific noises less apparent and therefore less noticeable by day. These facts, coupled with the varying susceptibilities of people to noise, impose great difficulties in forming firm standards.

HAIRDRESSERS' AND BARBERS' ESTABLISHMENTS.

Byelaws made under Section 77 of the Public Health Act, 1961 with regard to hairdressers' and barbers' establishments came into force in the Borough on the 1st October, 1962 and 7 visits were made to such establishments during the year.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

This Act, the main provisions of which came into force on the 1st August, 1964, makes provision for securing the health, safety and welfare of persons employed to work in offices, shops and certain railway premises.

There are 455 registered premises as against 449 on the 31st December, 1965. The number of premises registered during this year was 52 as against 37 in 1965, this gives an overall increase in the total registered premises of 6 over last year. The seemingly low increase is explained by some closures, but mainly by transfer to the register of H.M. Factory Inspector when it is considered that they are similar to factories and offices in such premises.

There is, without question, a lack of knowledge of the requirements of the Act by employers, even of the existence of the Act. It is evident that it is unlikely that new registrations will be forthcoming unless some pressure is brought to bear on occupiers of those premises which come within the scope of the Act.

During the general inspections of the Borough by Public Health Inspectors and as plans are deposited with the Borough Surveyor, new premises are being picked up. By and large occupiers are willing to meet the requirements of the Act when they become aware of them, although in the case of National multiple shops there is often considerable correspondence necessary before the work is carried out.

The following table shows the contraventions to which the attention of the occupiers was directed and the results of action taken:-

Section	Requirement	No. of infringements found	No. of infringements remedied
4	Cleanliness	16	7
6	Temperature	85	52
7	Ventilation	19	13
8	Lighting	32	26
9	Sanitary Conveniences	90	55
10	Washing Facilities	35	22
12	Accommodation for Clothing	4	3
16	Floors, Passages & Stairs	24	19
17	Fencing of exposed parts of machinery	1	1
24	First Aid Provisions	87	55
50	Abstract of the Act.	116	72
T O T A L S		509	325

Although enforcement of the lighting requirements is difficult, a considerable degree of success has been achieved, this in spite of there being no set standards. The suggested standards of the Illuminating Engineering Society have been most helpful in this respect and have assisted in securing improvement in several instances.

No applications for exemption under Section 46 of the Act were received during the year.

Accidents notified on Form OSR.2 totalled 8, all of which were of a minor nature. Each report was investigated, with one exception, and none was found to be attributable to failure on the part of the employer to ensure safety precautions. The number reported was almost half those reported last year and one must assume that not all are being notified, and it might be that the Ministry of Social Security could help in this respect.

The following is the analysis of accidents reported:-

Cause	Code No.	Offices	Retail Shops	Wholesale Shops or Warehouses	Catering Estabs.	Fuel Storage Depots.
1. Machinery	11/14	-	-	-	-	-
2. Transport	31/34	-	-	1	-	-
3. Fire & Explosion	41	-	-	-	-	-
4. Electrical	43	-	-	-	-	-
5. Hand Tools	45	-	1	-	-	-
6. Falls of persons	51/54	1	1	2	-	-
7. Stopping on or striking against object or person	61	-	-	-	-	-
8. Handling goods	62	-	1	-	-	-
9. Struck by falling object	63	-	1	-	-	-
10. Not otherwise specified	64	-	-	-	-	-

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963. (Continued)

The following premises were registered at the end of the year:-

Class of Premises	No.	No. of persons employed
Offices	120	901
Retail Shops	279	1,195
Wholesale Shops/Warehouses	25	164
Catering Establishments and Canteens	30	278
Fuel Storage Depots	1	1
TOTALS	455	2,539

W A T E R S U P P L Y.

The Makerfield Water Board is the statutory Water Undertaking for the Borough.

The supply is taken in bulk from the Rivington Aqueduct of the Liverpool Corporation, the Thirlmere Aqueduct of the Manchester Corporation and the Lightshaw Works of the Makerfield Water Board.

The character of the waters from the Rivington and Thirlmere Aqueducts is pre-dominantly upland surface, whilst that from the Lightshaw Works is wholly of deep well origin.

Details of treatment of the various waters are as follows:-

Water derived from Liverpool Aqueduct:	Chlorination
Water purchased from Manchester Corporation:	No treatment by the Board
Water supplied from Lightshaw Treatment Plant:	Aeration, lime softening, filtration, pH correction, superchlorination and dechlorination.

Weekly sampling of the Town's mains water is undertaken, 138 samples being submitted for bacteriological examination. Only 4 samples during the year showed some slight contamination, none being serious, and flushing of the mains by the Board was effective.

Two samples were submitted for chemical analysis, with the following results (expressed in parts per million):-

	<u>No.1</u>	<u>No.2</u>
Oxygen absorbed from permanganate in 15 mins.	0.04	0.02
Oxygen absorbed from permanganate in 3 hrs.	0.08	0.04
Ammonia	Nil	Nil
Albuminoid Ammonia	0.005	0.005
Nitrogen as Nitrates	0.51	1.63
Nitrogen as Nitrites	Nil	Nil
Combined Chlorine	15	24
Lead	Nil	Nil
Zinc	Nil	Nil
Copper	0.02	Nil
Total Iron	0.10	0.07
ph. value	7.3	8.2
Total solids in solution	108	228
Free Chlorine	0.39	Nil
Apparent Colour	Practically colourless	Practically colourless
Total Hardness (as CaCO ₃)	-	145

Number of houses with direct supply from the mains	15,532
Number of houses supplied by standpipe	1
Number of houses with private supply	
(These are premises beyond the point of supply by mains)	7

Number of letters to Makerfield Water Board enquiring as to sufficiency of supply	11
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FACTORIES ACT, 1961

Number of Factories on the Register at the end of the year 182

CLASSIFICATION

Cotton and Rayon Textile Manufacturers	16
Reed Makers	1
Tailors and Garment Makers	8
Brick Makers	3
Builders, Builders' Merchants and Stonemasons	22
Joiners and Cabinet Makers	17
Earthenware Manufacturers	1
Bakehouses	18
Maltsters	1
Bottlers of Ales, etc.	2
Mineral Water Manufacturers	1
Slaughterhouse	1
Shoeing Forge	1
Coach Builders	2
Engineers and Iron Founders	9
Motor Vehicle Repairers	24
Scrap Metal Dealers	3
Sheet Metal Workers and Welders	6
Boot and Shoe Repairers	8
Brush, Skip and Hamper Makers	1
Cable Makers	1
Coffin Makers	1
Launderers and Dry Cleaners	7
Paint Manufacturers	1
Printers	6
Rope Works	1
Radio and T.V. Repairers	3
Wire Works	1
Others	16

T O T A L 182

The following tables give particulars of the inspections during the year under Part I of the Factories Act, 1961, and an analysis of the defects which were found, with particulars of the action taken.

FACTORIES - INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH.

Premises	No. on Register	No. of inspections.	No. of Written Notices	No. of Occupiers Prosecuted
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority	9	2	-	-
Factories not included in (1) in which Section 7 is enforced by Local Authority	160	138	8	-
Other premises in which Section 7 is enforced by Local Authority (excluding outworks premises)	13	20	3	-
TOTALS	182	160	11	-

FACTORIES - CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of Defects				
	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	No. of offences in respect of which prosecutions were instituted
Nuisances under the Public Health Acts:-					
Want of Cleanliness	-	-	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences:-					
(a) Insufficient	2	3	-	-	-
(b) Unsuitable or defective	29	18	-	1	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	-	-	-	-	-
TOTALS	31	21	-	1	-

PART VIII OF THE ACT - OUTWORK.

Nature of Work	Section 133			Section 134		
	No. of out-workers in August list required by section 133 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
(1)	(2)	(3)	(4)	(5)	(6)	(7)
-	-	-	-	-	-	-

SMOKE ABATEMENT AND ATMOSPHERIC POLLUTION.

CLEAN AIR ACT, 1956.

The following Smoke Control Areas are operative in the Borough:-

Smoke Control Area	Acreage	No. of Dwellings	No. of Industrial Premises	No. of Commercial Premises	Others	Operative Date
No.1	42	420	9	245	17	1. 9. 62
No.2	239	1,347	7	169	18	1.10. 63
No.3	82	1,000	2	50	18	1. 9. 63

During the year three further Smoke Control Areas were submitted to the Ministry, two of which were confirmed. Particulars of the confirmed areas are as follows:-

Smoke Control Area	Acreage	No. of Dwellings	No. of Industrial Premises	No. of Commercial Premises	Others	Operative Date
No.4	191	778	2	28	7	1. 8. 67
No.5	94	741	-	35	4	1. 7. 68

COLLIERY SPOILBANKS.

The N.C.B. spoilheaps in the Bedford area of the town have again given rise to complaints. In particular the carting away of burnt shale from one of these for roadway construction created extremely difficult conditions in the neighbourhood due to spillage from motor lorries and dust. Eventually it was found that much of the spoilheap was not burnt out, with the result that it was declared to be unsuitable for roadworks. This spoilheap, having been disturbed, is giving rise to sulphurous fumes, particularly in damp weather. The remaining tips being well covered with sand, the consequent nuisance is being kept to a minimum.

VOLUMETRIC APPARATUS.

The measurement of pollution has continued during the year by the use of volumetric apparatus and the deposit gauge. The results are submitted to the Department of Scientific and Industrial Research, where they are co-ordinated into the National Survey of Atmospheric Pollution.

The results are given in the following tables in the form of highest, lowest and average of the daily readings at the three sites in each month for the year 1966 and the corresponding figures for 1965.

The amount of atmospheric pollution in the form of smoke and sulphur dioxide in the town is at last diminishing, as will be seen from a consideration of the tables.

VOLMETRIC APPARATUS (Continued)

T O W N H A L L

Month	Smoke in microgrammes per cubic metre.						S O 2 in microgrammes per cubic metre					
	Average		High		Low		Average		High		Low	
	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966
January	248	316	904	972	44	92	262	361	598	807	49	192
February	283	200	1,216	1,132	12	64	285	270	1,052	468	45	153
March	216	153	848	352	48	60	319	203	877	273	153	115
April	154	159	492	606	44	35	211	93	641	484	40	40
May	81	38	216	144	8	11	138	99	324	197	65	71
June	64	28	244	64	16	16	138	87	258	261	70	71
July	55	46	164	165	4	16	107	84	287	169	57	58
August	62	50	224	210	20	26	107	90	213	204	82	34
September	143	116	484	425	56	15	144	142	365	530	74	26
October	212	141	568	680	36	55	260	166	1,064	520	55	80
November	292	189	1,296	1,220	36	30	319	210	1,130	735	55	65
December	276	129	1,312	1,060	80	31	282	159	938	780	88	60
Average	174	130	664	586	34	38	214	164	646	452	69	80

F I R S L A N E

Month	Smoke in microgrammes per cubic metre.						S O 2 in microgrammes per cubic metre.					
	Average		High		Low		Average		High		Low	
	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966
January	229	269	620	744	40	64	123	203	325	417	35	48
February	252	177	1,104	780	40	52	174	148	607	512	47	71
March	204	125	852	284	72	28	197	88	500	132	94	57
April	121	72	480	230	16	59	108	85	368	544	12	32
May	78	42	224	176	16	0	73	49	156	149	49	18
June	67	26	564	160	8	8	89	49	211	205	24	38
July	48	27	144	96	4	0	58	50	133	110	29	25
August	51	43	176	188	24	11	54	45	141	155	31	22
September	130	99	520	360	40	20	67	59	163	190	38	23
October	188	147	492	680	32	52	150	49	392	180	36	23
November	239	*	1,036	*	32	*	196	*	653	*	36	*
December	251	126	964	1,080	72	22	156	77	786	560	67	17
Average	155	104	598	434	33	29	120	82	370	287	42	34

* No measurements recorded due to mechanical failure.

C H A P E L S T R E E T

Month	Smoke in microgrammes per cubic metre.						S O 2 in microgrammes per cubic metre.					
	Average		High		Low		Average		High		Low	
	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966
January	144	263	428	816	16	44	205	305	404	729	67	71
February	155	174	592	688	36	44	190	245	647	735	38	88
March	85	163	392	304	28	56	187	242	416	541	8	87
April	34	134	144	459	4	72	161	85	880	384	45	32
May	23	48	68	168	8	8	180	88	369	196	68	71
June	13	34	36	100	4	20	142	62	290	171	74	14
July	31	43	164	71	4	12	92	77	294	131	44	34
August	66	50	220	210	32	20	99	90	174	200	68	65
September	154	111	588	390	48	23	138	134	301	350	68	53
October	193	157	472	700	48	48	215	145	506	410	109	62
November	257	202	1,092	1,200	48	60	265	186	862	700	109	37
December	274	155	1,048	1,060	72	51	270	163	753	735	111	62
Average	119	128	437	514	29	38	179	152	491	440	67	56

S O L I D M A T T E R D E P O S I T E D

Tons of solid matter per square mile

M A N C H E S T E R R O A D

Month	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
January	-	-	15.98	14.51	13.07	26.04	11.46	8.45	17.59	10.74
February	12.53	-	8.11	13.45	12.15	10.68	12.90	10.78	8.48	13.45
March	14.23	-	12.79	15.40	10.71	12.60	14.13	12.53	9.61	12.83
April	11.80	12.93	12.22	10.53	14.64	9.95	13.72	6.77	13.52	10.53
May	19.82	13.24	11.26	18.55	10.20	12.21	14.99	11.53	13.11	10.54
June	18.79	14.34	17.34	10.89	12.14	11.50	13.66	14.02	12.69	13.34
July	19.20	13.34	10.99	12.32	11.78	14.71	*	19.08	9.92	11.77
August	19.92	11.57	4.96	12.32	9.85	16.45	17.11	12.52	7.63	9.89
September	19.74	12.60	14.54	9.17	11.42	9.68	14.12	10.51	10.16	12.15
October	-	10.85	15.27	12.96	13.11	16.87	11.67	10.37	10.54	13.69
November	-	11.93	12.45	20.96	12.35	8.96	17.69	13.96	13.47	*
December	-	14.74	14.40	14.07	12.84	18.16	9.27	15.88	22.11	*
TOTAL	136.03	115.54	151.51	165.13	144.26	167.81	150.72	146.40	148.83	118.93
Average per month	17.00	12.84	12.62	13.76	12.02	13.98	13.70	12.20	12.40	11.89

* Not submitted.

S O L I D M A T T E R D E P O S I T E D

Tons of solid matter per square mile

T O W N H A L L

Month	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
January	27.64	27.21	26.68	21.00	14.50	32.58	30.39	27.60	18.81	27.03
February	28.61	18.44	-	16.90	41.92	22.01	30.45	26.93	-	32.02
March	30.92	28.42	-	17.02	11.44	31.29	30.70	20.90	29.94	21.44
April	33.50	25.31	33.32	20.45	24.17	35.26	24.18	26.18	31.78	28.56
May	-	75.84	21.65	22.01	15.31	23.23	20.85	22.48	22.78	30.08
June	23.40	20.28	24.16	14.90	13.39	6.70	20.90	19.12	22.65	30.54
July	24.01	16.50	15.36	17.14	19.51	6.33	14.11	20.56	14.57	17.57
August	32.24	13.08	12.34	15.94	17.87	102.27	19.08	21.88	20.91	19.25
September	22.13	21.24	17.84	13.34	16.38	21.82	22.88	18.60	14.87	21.88
October	28.82	19.01	24.12	18.68	16.20	22.36	19.07	19.07	28.11	19.18
November	14.80	13.74	23.86	26.37	25.71	16.80	25.54	22.80	28.66	31.66
December	42.18	28.12	20.27	19.95	12.41	27.37	25.61	22.08	28.42	*
TOTAL	308.25	307.19	219.60	223.70	228.81	348.02	283.76	268.20	261.50	279.21
Average per month	28.02	25.60	21.96	18.64	19.06	29.00	23.65	22.35	23.77	25.38

* Not submitted.

S O L I D M A T T E R D E P O S I T E D

Tons of solid matter per square mile

F I R S M A T E R N I T Y H O M E

Month	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
January	14.21	-	19.85	21.73	10.71	22.52	10.90	12.86	24.91	10.49
February	13.69	15.31	6.50	12.34	14.86	12.83	13.24	10.94	5.85	15.23
March	13.92	18.23	11.93	13.90	7.73	13.51	12.94	39.25	14.97	12.17
April	15.30	13.76	10.22	27.94	14.10	9.96	11.62	8.39	10.04	12.00
May	14.89	18.09	9.70	25.10	10.22	13.11	12.90	13.10	11.38	15.89
June	17.37	16.86	21.48	9.60	10.01	8.67	17.90	8.63	11.76	19.15
July	14.86	15.17	11.72	18.09	15.72	27.00	6.60	13.30	10.87	9.39
August	21.07	11.51	5.53	11.86	18.85	12.16	13.13	8.43	9.28	9.83
September	19.74	17.47	11.07	12.73	12.52	4.98	13.41	9.60	8.63	8.21
October	16.92	9.18	19.85	12.58	21.48	21.10	10.63	9.73	11.34	9.94
November	9.39	12.52	15.85	15.09	22.59	7.53	20.57	17.37	15.10	14.82
December	16.89	15.95	16.67	16.37	12.66	18.74	7.66	14.99	27.52	*
TOTAL	188.25	164.05	160.37	197.33	171.45	172.11	151.50	166.59	161.65	137.12
Average per month	15.68	14.91	13.36	16.44	14.29	14.34	12.62	13.88	13.72	12.43

* Not submitted.

HOUSING

The year under review has seen an acceleration in the representation of houses under the Housing Act. A total of 122 houses, 33 more than the annual target figure of 89 houses, were dealt with during the year.

Year	Number of houses dealt with			Persons displaced		
	As Clearance Areas	As Individual Houses	Total	From Clearance Areas	From Individual Houses	Total
Pre-Programme (Post 1945)	11	35	46	31	104	135
1955	5	3	8	21	7	28
1956	44	7	51	156	27	183
1957	23	72	95	64	187	251
1958	100	72	172	283	194	477
1959	82	31	113	225	97	322
1960	73	14	87	171	53	224
1961	18	24	42	37	58	95
1962	27	11	38	69	34	103
1963	12	20	32	27	49	76
1964	84	5	89	227	12	239
1965	29	13	42	94	34	128
1966	109	13	122	283	30	313
TOTAL	617	320	937	1,688	886	2,574

Seven Clearance Areas were represented, 5 were dealt with by Compulsory Purchase Orders and the remaining 2 by Clearance Orders, the total number of houses involved being 109. Both Clearance Orders were confirmed without modification by the end of the year. Of the 5 Compulsory Purchase Orders, one was confirmed without modification whilst the remaining 4 were awaiting confirmation.

The 13 individual houses dealt with under Section 16(1) of the Housing Act 1957, are:-

Address of property	No. of persons displaced
18 Liza Street	3
20 Liza Street	2
22 Liza Street	2
24 Liza Street	3
15 Strange Street	-
1 Wild's Passage	5
2 Wild's Passage	3
3 Wild's Passage	5
241a Wigan Road	1
34 Edale Road	1
24 Lloyd Street	1
26 Lloyd Street	5
32 Lloyd Street	-

The Council now view sympathetically applications for assistance towards removal expenses from premises falling within the scope of the Housing Act from pensioners and people suffering hardship. This assistance is given to such applicants up to a maximum of £6. 10s. 0d.

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED

FROM 1954 TO 31st DECEMBER, 1966.

Year		Clearance Areas		Individual Houses	
		No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
	Pre-programme Clearance Areas (Post 1945) Individual Houses	11	31	35	104
1955	Alma Street Individual Houses	5	21	3	7
1956	Tickle Street	6	21		
	Kenyon Street	4	8		
	Taylor Street	3	11		
	Hulmes Buildings	4	15		
	Ditchfield Street	8	29		
	Westwell Street (No.2)	11	43		
	Westleigh Lane (No.9)	5	20		
	Ann Street	3	9		
	Individual Houses			7	27
1957	Westleigh Lane (No.8)	3	6		
	Brooks Houses (No.1)	4	11		
	Siddow Common (No.3)	6	15		
	Welch Hill Street (No.4)	5	15		
	Welch Hill Street (No.5)	5	17		
	Individual Houses			72	187
1958	Back Brown Street	4	18		
	Twist Lane (No.3)	6	14		
	Sandersons Croft	6	22		
	Deans Row	12	30		
	Warrington Road (No.5)	5	18		
	Birchall Street	8	16		
	River Street	8	21		
	Mill Street	5	16		
	Duke Street (No.1)	7	24		
	Sizehouse Place	5	13		
	Cross Street (No.3)	6	14		
	Plank Lane (No.3)	6	18		
	Duke Street (No.2)	5	12		
	Twist Lane (No.4)	10	30		
	Leigh Street	7	17		
	Individual Houses			72	194
1959	Princess Street	21	57		
	Dukinfield Street	10	26		
	Dukinfield Street (No.2)	5	15		
	Dukinfield Street (No.3)	18	45		
	Dukinfield Street (No.4)	12	37		
	High Street	16	45		
	Individual Houses			31	97
	c/fwd.	265	780	220	616

DETAILED LIST OF HOUSES DEALT WITH AND PERSONS DISPLACED

FROM 1954 TO 31st DECEMBER, 1966 (Continued)

Year		Clearance Areas		Individual Houses	
		No. of Houses	No. of Persons Displaced	No. of Houses	No. of Persons Displaced
	b/fwd.	265	780	220	616
1960	Westleigh Lane (No.10) Compulsory Purchase Order	4	9		
	Mather Lane Compulsory Purchase Order	19	48		
	John Street (No.2) Compulsory Purchase Order	14	28		
	Twist Lane (No.5)	5	14		
	Derby Street West (No.1)	5	14		
	Derby Street West (No.2)	6	16		
	Derby Street West (No.3)	12	26		
	Brown Street South	8	16		
	Individual Houses			14	53
1961	Warrington Road (No.6)	4	9		
	Nel Pan Lane	5	14		
	Hilden Street	9	14		
	Individual Houses			24	58
1962	Green Lane (No.4)	9	20		
	Duke Street (No.3)	6	12		
	Hill View	4	13		
	Wood End (No.2)	4	10		
	Henry Street	4	14		
	Individual Houses			11	34
1963	Bedford Grove	6	15		
	Lord Street	6	12		
	Individual Houses			20	49
1964	College Street (No.1)	15	42		
	College Street (No.2)	7	29		
	College Street (No.3)	62	156		
	Individual Houses			5	12
1965	Strange Street	6	26		
	Boat Street	23	68		
	Individual Houses			13	34
1966	Duke Street (No.4)	4	9		
	Chapel Street (No.5)	28	54		
	Coal Pit Lane	42	143		
	Green Lane (No.5)	6	3		
	Norbury Street (No.2)	4	9		
	Westleigh Lane (No.11)	4	17		
	Wharf Street	21	48		
	Individual Houses			13	30
TOTAL		617	1,688	320	886

MEASUREMENT FOR PERMITTED NUMBERS - HOUSING ACT, 1957, SECTION 77.

20 Certificates of Permitted Numbers were issued respecting 32 flats.

PROVISION OF NEW HOUSES.

(a)	Total		310
	(i) By Local Authority	Flats	32
	(ii) By other Local Authorities	Houses	Nil
	(iii) By other bodies or persons	Houses	278
(b)	With State assistance under the Housing Acts:-		
	(i) By Local Authority	Flats	32
	(ii) By other bodies or persons		Nil

1. INSPECTION OF DWELLINGHOUSES DURING THE YEAR.

(1)	(a)	Total number of dwellinghouses inspected for housing defects under Public Health or Housing Acts.	792
	(b)	Inspections made for the purpose	2,059
(2)	(a)	Dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925.	33
	(b)	Inspections made for the purpose	141
(3)		Dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.	38
(4)		Dwellinghouses (exclusive of those referred to under the preceeding sub-heading) found not to be in all respects reasonably fit for human habitation.	623

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.

	Defective dwellinghouses rendered fit in consequence of informal action by the Local Authority	44
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3. ACTION UNDER STATUTORY POWERS.

A. Proceedings under Sections 9,10 and 16 of the Housing Act, 1957:-

(1)	Dwellinghouses in respect of which notices were served requiring repairs	Nil
(2)	Dwellinghouses which were rendered fit after service of formal notice:-	
	(a) By owners	Nil
	(b) By Local Authority in default of Owners	Nil

B. Proceedings under Public Health Acts:-

(1)	Dwellinghouses in respect of which notices were served requiring defects to be remedied.	207
(2)	Dwellinghouses in which defects were remedied after service of formal notice:-	
	(a) By owners	115
	(b) By Local Authority in default of Owners	33

3. ACTION UNDER STATUTORY POWERS (Continued).

C. Proceedings under Sections 16 and 23 of the Housing Act, 1957.

(1) Dwellinghouses in respect of which Demolition Orders were made.	5
(2) Dwellinghouses demolished in pursuance of Demolition Orders.	1
(3) Dwellinghouses closed in pursuance of Closing Orders	8

D. Proceedings under Section 18 of the Housing Act, 1957:-

(1) Separate tenements or underground rooms in respect of which Closing Orders were made	Nil
(2) Separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit.	Nil

4. HOUSING ACT, 1957 - OVERCROWDING.

Cases of overcrowding investigated during the year	6
Cases of overcrowding confirmed during the year	Nil
Families involved	8
Persons dwelling therein	27
Families re-housed	Nil
Persons involved	Nil

The Housing Committee allocate Corporation Houses on a points scheme.

At the end of the year there were 964 applicants on the Corporation housing list, of which 377 were living in lodgings.

RENT ACT, 1957.

Applicants for Certificates of Disrepair (Form I)	2
Certificates of Disrepair authorised to be issued - in full	2
Certificates of Disrepair authorised to be issued - in part	-
Applications for Certificates of Disrepair refused	-
Undertakings from Landlords to remedy defects (Form K)	-
Undertakings from Landlords accepted	-
Undertakings from Landlords refused	-
Certificates of Disrepair issued (Form L)	2
Applications for Cancellation of Certificates of Disrepair (Form M)	-
Certificates of Disrepair cancelled	-
Refusals to cancel Certificates of Disrepair	-
Applications for Certificates re remedying of defects (Form O)	-
Certificates issued re remedying of defects (Form P)	-

IMPROVEMENT GRANTS - Rent Act, 1957, Housing (Financial Provisions) Act, 1958
and House Purchase and Housing Act, 1959.

Particulars of applications received during the year are set out below:-

STANDARD GRANTS.

	<u>1965</u>	<u>1966</u>
Applications received	152	108
Applications approved	146	104
Applications refused	6	4
Applications withdrawn	-	-
Total amount of grants paid	£10,008.5s.0d.	£10,756.12s.6d.
Total amount of advances towards balance of cost of work	£ 3,849.15s.0d.	£ 3,049.15s.0d.

DISCRETIONARY GRANTS.

Applications received	30	16
Applications received from private owners	27	16
Applications received from landlords	3	-
Approved for grant - private owners	24	16
Not approved for grant - private owners	3	-
Approved for grant - landlords	3	-
Not approved for grant - landlords	-	-
Applications withdrawn	-	-
Total amount of grants authorised	£ 4,198.10s.0d.	£ 2,578. 0s.0d.
Total amount of grants paid	£ 4,199. 0s.0d.	£ 1,913.10s.0d.
Total amount of advances towards balance of cost of work	£ 1,072.10s.0d.	£ 127. 0s.0d.

TABLE OF DEFECTS DEALT WITH IN DWELLINGHOUSES.

The following table shows the number and types of defects found and remedied in dwellinghouses during the current year:-

<u>Nature</u>	<u>Found</u>	<u>Remedied</u>
Drains	90	91
Roofs	59	62
Eavesgutters	36	34
Rainwater pipes	24	11
Walls External : Defective Brickwork	12	15
" " Dampness penetrating	4	3
Walls Internal : Damp wallplaster	45	30
" " Defective wallplaster	12	11
Defective ceiling plaster	4	4
Sinks	2	3
Sink waste pipes	2	5
Floors	8	11
Window frames : Defective Woodwork	25	26
" " Sashes and inadequate ventilation	14	13
" " Glazing	1	-
Doors	15	16
Fire Ranges : Smoke omission	3	2
" " Defective	5	4
Insufficient Water Supply	33	11
Closets : Fresh Water	61	75
" Waste Water	-	-
Yards and Passages	4	4
Other Defects	43	33
TOTAL	502	464

Repairs were carried out in default of owners, following service of Statutory Notices under the Public Health Act 1936, at a total cost of £193.17s. 6d.

Repairs to defective drains were carried out in default of owners at a cost of £54.11s.1d. which was fully recovered.

PUBLIC HEALTH ACTS, 1936 - 1961.

STATUTORY NOTICES SERVED.

<u>Act and Section</u>		<u>No. of Notices</u>
Public Health Act, 1961		
Section 17	Choked Drainage (48 hours notice)	3
Public Health Act, 1936		
Section 39	Defective Sinks	-
Section 39	Drainage (Sub-soil drains)	2
Section 39	Gutters, Downspouts	38
Section 45	Defective Water Closets	52
Section 46	Insufficient Sanitary Accommodation	1
Section 56	Defective Yard Surfaces	-
Section 93	Conditions prejudicial to health	93
Section 138	Insufficient water supply	16
Prevention of Damage by Pests Act, 1949		
Section 4	Keeping Land free from Rats and Mice	2
		207

INSPECTION AND SUPERVISION OF FOOD.

CLASSIFICATION OF PREMISES VISITED BY PUBLIC HEALTH INSPECTORS.

	<u>No. of visits paid</u>
Markets	2
Bakehouses	59
Canteens and Restaurants	217
Dairies and Milk Shops	2
Grocers Shops	232
Greengrocers Shops	26
Fish Friers	52
Wet Fish Shops	9
Confectionery Shops	69
Food Warehouses	14
Hotels and Public Houses	30
Butchers Shops	89
Slaughterhouses	716
Ice Cream Manufacturers	12
Ice Cream Shops and Vehicles	13
Hawkers	1
	1,543

INFRINGEMENTS OF FOOD HYGIENE (GENERAL) REGULATIONS 1960 DEALT WITH.

		<u>Defects found</u>	<u>Defects remedied</u>
Reg.	6 Cleanliness of equipment	15	14
"	8 Risk of contamination	1	2
"	14 Defective closets, etc. Notices re washing	28	22
"	16 Wash-hand basins, water supply, soap, nailbrush, drying facilities not provided	48	37
"	17 First Aid equipment not provided	7	7
"	18 Accommodation for clothing, etc.	1	2
"	19 Facilities for washing good and equipment	8	7
"	21 Ventilation	3	3
"	23 Cleanliness and repair of Food Rooms	124	86
"	24 Refuse	5	5
TOTALS		<u>240</u>	<u>185</u>

BAKEHOUSES.

Number of Bakehouses on register	23
Number of inspections in the year	59
Number of defects found	16
Number of defects remedied	31

SLAUGHTERHOUSES.

Number of licensed slaughterhouses in the Borough	1
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At the commencement of 1966 there were two licensed slaughterhouses in the Borough, but on the 29th July the slaughterhouse at Messrs. Yates Greer & Co. (1960) Ltd., at Bengal Street was closed.

A total of £1,397. 3s. 9d was received by the Corporation as fees for meat inspection during the year.

SLAUGHTER OF ANIMALS ACT, 1958.

There are 18 slaughtermen holding licences granted by this Authority.

It was not found necessary on any occasion to seek formal condemnation by Magistrate's Order. Condemned meat is dealt with through an authorised disposal unit.

On the following page the table reproduces particulars of the number of cattle examined, and of condemnations.

NUMBER OF CATTLE EXAMINED AND
CONDEMNATIONS FOR TUBERCULOSIS AND OTHER CONDITIONS.

	Cattle excluding Cows		Cows		Calves		Sheep and Lambs		Pigs	
	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966
Number killed	2,510	3,985	372	556	2	5	12,229	18,701	34,851	18,873
Number inspected	2,510	3,985	372	556	2	5	12,229	18,701	34,851	18,873
All Diseases except Tuberculosis - Whole Carcasses Condemned	-	2	2	2	1	-	11	74	66	41
Carcasses of which some part or organ was condemned	882	2,366	257	396	-	-	1,697	3,785	8,915	5,860
Percentage of the number inspected affected with disease or parasitic conditions other than Tuberculosis	35.1	59.4	69.6	71.6	50.0	-	13.9	20.6	25.8	31.2
<u>TUBERCULOSIS:</u>										
Whole Carcasses condemned	-	-	-	-	-	-	-	-	-	-
Carcasses of which some part or organ was condemned	2	1	-	-	-	-	-	-	147	50
Percentage of the number inspected affected with Tuberculosis	0.08	0.03	-	-	-	-	-	-	0.4	0.26

PERCENTAGE CONDEMNATIONS FOR TUBERCULOSIS

Year	Cattle excluding Cows	Cows	Calves	Pigs
1947	9.18	61.52	-	4.12
1948	6.90	36.36	0.44	5.32
1949	7.10	36.90	0.40	6.90
1950	6.70	42.80	0.40	4.20
1951	8.03	56.28	0.09	4.41
1952	14.62	48.62	0.27	3.33
1953	13.16	33.20	0.16	3.19
1954	10.26	29.19	-	1.98
1955	6.51	39.65	-	1.44
1956	6.86	23.49	-	1.66
1957	8.43	21.77	-	0.40
1958	6.16	17.55	-	1.88
1959	7.40	18.50	-	1.40
1960	3.13	6.39	-	1.15
1961	1.60	0.40	-	0.61
1962	0.60	0.41	-	0.54
1963	0.22	0.28	-	0.18
1964	0.14	-	-	0.36
1965	0.08	-	-	0.40
1966	0.03	-	-	0.26

These figures afford an interesting insight into the incidence of Tuberculosis found in animals killed for food and can be taken as complementary to the field work that has been accomplished by the Veterinary Officers of the Ministry of Agriculture, Fisheries and Food.

TUBERCULOSIS ORDER, 1938.

No cattle were sent for slaughter by the Veterinary Inspectors under the Tuberculosis Order, 1938.

CYSTICERCUS BOVIS.

All bovines are subjected to examinations for *Cysticercus Bovis* and during the year 8 carcasses were found to be infected. In each case particulars of the animal were forwarded to the Divisional Veterinary Inspector of the Ministry of Agriculture, Fisheries and Food.

The carcasses were dealt with in accordance with the conditions laid down by the Ministry of Agriculture, Fisheries and Food.

INSPECTION OF OTHER FOODS.

The following table gives a list of foods examined by the Public Health Inspectors and rejected as unfit for human consumption. All were voluntarily surrendered.

Food	No. of Containers	Weight				
		Tons	Cwts	Qrs.	lbs.	Ozs.
Meat (Fresh)	308	-	8	1	5	1
Meat (Canned)	1,268	1	14	1	1	11
Fruit	1,753	-	17	1	18	4
Vegetables	1,886	-	16	3	19	15
Milk	366	-	1	3	7	12
Fish	688	-	3	1	12	13
Soups	171	-	1	-	10	3
Sundries	998	-	5	1	26	7
Total	7,438	4	8	2	18	4

FOOD AND DRUGS ACT, 1955.

The Public Analyst for the Borough is Dr. G. H. Walker, Ph.D., F.R.I.C., County Offices, Preston.

141 samples of milk and other foods were submitted to the Public Analyst for examination. The classified table on the following page shows the results of the analysis of the samples.

There were no prosecutions under the Act, such infringements as were found did not merit such action.

ANALYSIS OF FOOD SAMPLES - 1966

Articles	Number examined				Number adulterated or otherwise giving rise to irregularity.
	Formal	Inf.	Priv.	Total	
Almonds, Ground	-	1	-	1	-
Almonds, Paste	-	2	-	2	-
Brandy Flavoured Butter	-	1	-	1	-
Bread	-	1	-	1	-
Butter	-	3	-	3	-
Buttermilk	-	1	-	1	-
Buttermilk Drink	-	1	-	1	-
Cheese	-	6	-	6	-
Chicken in Jelly (Bottled)	-	1	-	1	-
Chicken with vegetables & gravy	-	1	-	1	-
Christmas Tree Decoration (edible)	-	1	-	1	-
Coffee Extract (dry)	-	2	-	2	-
Cough Medicine	-	2	-	2	1
Cream Cheese	-	1	-	1	1
Cream, Fresh	-	1	-	1	-
Cream, Soured	-	2	-	2	-
Curry Powder	-	1	-	1	-
Fish (Canned)	-	1	-	1	-
Fish, cured Smoked Haddock	-	3	-	3	-
Flour	-	1	-	1	1
Flour Confectionery	-	6	-	6	-
Flour Self-raising	-	1	-	1	-
Fruit, canned	-	1	-	1	-
Fruit, curd	-	2	-	2	1
Fruit, Dried	-	2	-	2	-
Fruit, Fresh	-	1	-	1	-
Honey	-	1	-	1	-
Ice Cream	-	2	-	2	-
Jam	-	4	-	4	1
c/fwd	-	53	-	53	5

ANALYSIS OF FOOD SAMPLES - 1966

	Number examined				Number adulterated or otherwise giving rise to irregularity.
	Formal	Inf.	Priv.	Total	
b/fwd	-	53	-	53	5
Kipper Fillets (Buttered)	-	1	-	1	1
Lard	-	1	-	1	-
Margarine	-	2	-	2	-
Marmalade	-	2	-	2	-
Meat (canned)	-	3	-	3	1
Meat, Potted	-	1	-	1	-
Meat, Pudding	-	1	-	1	-
Meat (raw)	-	2	-	2	-
Milk	-	32	-	32	-
Milk, Channel Island	-	8	-	8	1
Nuts, Cashew and salted peanuts	-	2	-	2	1
Oatmeal	-	1	-	1	-
Pickles	-	1	-	1	-
Potato Chips (Frozen)	-	1	-	1	-
Potato Crisps	-	1	-	1	-
Pudding, Fruit	-	1	-	1	-
Sausages (Beef)	-	6	-	6	-
Sausages (canned)	-	1	-	1	-
Sausages (Pork)	-	6	-	6	-
Shandy (canned)	-	1	-	1	-
Soft Drink (to be diluted)	-	2	-	2	-
Soup Mixture	-	2	-	2	-
Sweets	-	1	-	1	-
Truffle Paté	-	1	-	1	1
Turkey (canned)	-	1	-	1	-
Vegetables	-	5	-	5	-
Vinegar	-	1	-	1	-
Vitamin Health Drink (Powder)	-	1	-	1	-
TOTALS	-	141	-	141	10

A D U L T E R A T E D S A M P L E S 1 9 6 6

Number of Sample	Description	Nature of adulteration or irregularity	Observations
46	Buttered Kipper Fillets (Informal)	Labelled "Buttered Kipper Fillets". Should have been labelled "Kipper Fillets with butter" and been accompanied by a list of ingredients.	Manufacturers agreed to use correct form of label in futuro.
1	Channel Islands Milk (Informal)	Fat content 3.50 per cent. Deficient 12.5 per cent. fat.	Further sample to be taken.
12	Flour (Informal)	Creta praeparata only 210 milligrams per 100 grammes. Should be 235 - 390 milligrams per 100 grammes.	No action advised.
30	Cream Cheese (Informal)	Fat 23.9 per cent. Moisture 61.0 per cent. Consisted of a soft cheese and not a cream cheese. Cream cheese should contain not less than 45.0 per cent. milk fat.	Vendor interviewed and cautioned.
31	Truffle Paté (Informal)	Consisted of a liver paste. Should not be sold as Truffle Paté.	Vendor interviewed.
12	Lemon Cheese (Informal)	No label. Therefore:- (1) No name of the food. (2) No name and address of manufacturer. (3) No declaration of weight.	Correct label now in use.
18	Corned Beef, Opened Can (Informal)	Contained a fragment of bone which weighed 0.46 gramme.	Importers communicated with and complainant informed.
33	Mentholated Balsam (Informal)	Labelled FREE FROM POISON but contained 0.005 per cent formaldehyde (as CH ₂ O).	Manufacturer communicated with.
38	Apple and Strawberry Jam (Informal)	Contained a dead wasp. The wasp gave a negative phosphatase test and appeared therefore to have been in the jam at the time of manufacture.	Manufacturer cautioned.
39	Cashew Nuts (Informal)	Contained 29 parts per million Copper. Recommended maximum limit 20 parts per million.	Importers communicated with.

S U M M A R Y O F S A M P L E S S U B M I T T E D 1 9 5 7 - 1 9 6 6

Year	No. of Samples Submitted	Number adulterated or otherwise giving rise to irregularity.
1957	137	7
1958	141	14
1959	142	13
1960	115	8
1961	155	16
1962	126	10
1963	138	10
1964	102	10
1965	112	8
1966	141	10

M I L K S U P P L Y.

As all cows are subjected to a tuberculin test, Raw milk, Pastourised and Sterilised milk is permitted to be sold.

Registered Distributors in the Borough 117
Registered dairies in the Borough 2

Year	Number of Samples	Fat	Solids-not-Fat	Total Solids	Percentage Adulteration
1947	60	3.81	8.52	12.23	16.6
1948	83	3.70	8.60	12.30	9.6
1949	80	3.67	8.56	12.23	8.7
1950	87	3.69	8.62	12.31	6.9
1951	70	3.65	8.66	12.31	4.2
1952	62	3.86	8.65	12.51	3.2
1953	65	3.79	8.55	12.34	12.3
1954	71	3.84	8.63	12.47	1.4
1955	61	3.83	8.58	12.41	4.9
1956	60	3.80	8.53	12.33	5.0
1957	58	3.70	8.60	12.30	1.7
1958	58	3.72	8.60	12.32	3.4
1959	66	3.56	8.65	12.21	10.6
1960	53	3.60	8.66	12.26	5.7
1961	63	3.62	8.62	12.24	4.8
1962	63	3.63	8.62	12.25	1.6
1963	32	3.67	8.54	12.21	3.1
1964	30	3.60	8.49	12.09	10.0
1965	28	3.54	8.61	12.15	3.6
1966	40	3.88	8.67	12.55	2.5
Average		3.70	8.60	12.30	5.99

BACTERIOLOGICAL AND BIOLOGICAL EXAMINATION OF MILK SAMPLES

Designation	Number Taken	N A T U R E O F T E S T									
		Methylene Blue		Turbidity Test		Phosphotase Test		Tubercle Bacilli		No result	
		Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Positive	Negative		
Tuberculin Tested	65	55	4	-	-	-	-	-	63	2	
T.T. Pastourised	56	52	2	-	-	56	-	-	-	-	
Sterilised	31	-	-	31	-	-	-	-	-	-	
T O T A L S	152	107	6	31	-	56	-	-	63	2	

49 Samples of Untreated milk were submitted for examination for Brucellosis. The results from one herd were positive and subsequent sampling of each animal in the herd eventually revealed the affected animals. In the meantime a notice was served on the owner under the Food and Drugs Act, 1966 and the Milk and Dairies Regulations, 1959 prohibiting the sale of milk from his premises unless it had been subjected to heat treatment. After negative samples had been reported the notice of prohibition was withdrawn.

TABLE OF SAMPLES OF MILK SUBMITTED FOR METHYLENE BLUE TESTS

Type of Milk	No. of samples submitted	Satisfied the Test	Failed the Test	% Satisfactory
Tuberculin Tested	59	55	4	93.2%
T.T. Pasteurised	54	52	2	96.3%

TABLE OF SAMPLES OF MILK SUBMITTED FOR PHOSPHATASE TESTS

Type of Milk	No. of samples submitted	Satisfied the Test	Failed the Test	% Satisfactory
T.T. Pasteurised	56	56	-	100%

TABLE OF SAMPLES OF MILK SUBMITTED FOR TURBIDITY TESTS

Type of Milk	No. of samples submitted	Satisfied the Test	Failed the Test	% Satisfactory
Sterilised	31	31	-	100%

ICE CREAM

In accordance with Section 16 (1) (a) of the Food and Drugs Act, 1955, 2 premises were registered for the sale of Ice Cream during the year. 183 such premises now appear in the Register. There are three manufacturers of Ice Cream licensed in the Borough.

Samples for bacteriological examination are submitted to the Regional Public Health Laboratory, Withington Hospital, Manchester. Nineteen samples were submitted for examination and the following grades were achieved:-

Grade	I	15 samples
Grade	II	1 sample
Grade	III	1 sample
Grade	IV	2 samples

LANCASHIRE COUNTY COUNCIL (GENERAL POWERS) ACT, 1951.

HAWKERS.

Any person who shall by himself, or any person employed by him, sell or offer or expose for sale, any meat or meat food product, or fish, fruit or vegetables from any cart, barrow or other vehicle or from any basket, pail, tray or other receptacle, must be registered.

The number of persons on the register at the end of the year was 95.

PREMISES.

All premises used or proposed to be used for storage of meat, meat food products, or fish, fruit or vegetables must be registered. The number of premises registered at the end of the year was 62.

FOOD AND DRUGS ACT, 1955 (Section 16).

PRESERVED FOODS, ETC.

Under the above Act all premises used for the preparation or manufacture of sausages or potted, pressed, pickled or preserved meat, fish or other food intended for sale must be registered. The number of premises registered at the end of the year was 86.

R O D E N T C O N T R O L .

P R E V E N T I O N O F D A M A G E B Y P E S T S A C T , 1 9 4 9 .

During the year, as a result of complaints and continuous survey, 4,775 premises were inspected. 942 infestations were found and 14,821 visits were made by the Rodent Operative during the course of treatment.

A free service for the destruction of rats and mice is given to occupiers of dwelling-houses, conditional on there being no contributory negligence. In all other cases the full cost of the work and materials is borne by the occupiers of the premises, and in this connection the sum of £230. 5s. 11d., was recovered during the year.

S U M M A R Y O F V I S I T S M A D E F O R P U R P O S E
O F S U R V E Y .

Premises	Number of Visits	Test Baits Laid on Survey
Local Authority Premises	28	113
Houses	3,417	1,138
Factories	36	191
Food Premises	139	481
Shops (Not Food)	96	127
Offices	21	122
Schools	15	60
Figgeries	2	-
Stables	4	37
Hen Pens	10	73
Slaughterhouses	22	286
Licensed Premises	37	147
Garages	461	545
Agriculture	17	45
Brooks and Waterways	31	82
Miscellaneous	7	137
TOTAL	4,344	3,584

S U M M A R Y O F V I S I T S F O R P U R P O S E S O F T R E A T M E N T

Type of Premises	No. of Visits	Poisonous Baits				Estimated Kill Rats Only
		Rats		Mice		
		Laid	Taken	Laid	Taken	
Local Authority	34	455	92	50	15	45
Dwellingshouses	9,904	5,359	1,299	1,591	444	628
Factories	157	1,535	323	1,936	527	141
Food Premises	198	378	61	2,009	554	29
Shops (Not Food)	34	35	9	361	95	4
Offices	28	24	4	304	56	-
Schools	42	9	4	614	120	4
Hen Runs	1	20	4	-	-	2
Licensed Premises	65	297	79	355	112	40
Garages	10	92	21	18	-	12
Miscellaneous	4	51	15	-	-	8
T O T A L S	10,477	8,255	1,911	7,238	1,923	913

SEWER INFESTATION AND TREATMENT.

The Ministry of Agriculture, Fisheries and Food procedure as to the methods of pre-baiting and poisoning is adhered to throughout this work. The disinfection of sewers comprises what is known as an initial treatment followed by maintenance of a similar kind at six-monthly intervals.

A comparative table of treatments undertaken during the past 10 years is given below:-

Year	Treat- ment No.	No. of Manholes treated	Baiting (2 days)		Poison Baiting			Estimated Kill
			Taken	Not Taken	Taken		Not Taken	
					Good	Small		
1957	24	111	81	30	2	70	39	740
	25	104	34	70	Warfarin Bait Used			
1958	26	101	78	23			- ditto -	
	27	106	35	71			- ditto -	
1959	28	110	26	84			- ditto -	
	29	118	38	80			- ditto -	
1960	30	86	17	69			- ditto -	
	31	36	21	15			- ditto -	
1961	32	55	23	32			- ditto -	
	33	50	16	34			- ditto -	
1962	34	53	13	40			- ditto -	
	35	103	30	73			- ditto -	
1963	36	106	29	77			- ditto -	
	37	69	15	44			- ditto -	
1964	38	94	28	66			- ditto -	
	39	105	18	87			- ditto -	
1965	40	104	23	81			- ditto -	
	41	104	22	82			- ditto -	
1966	42	217	16	201		Fluoracetamide Used		

